Weston Favell Allotment Association Spring Newsletter 2024



I'm now ready for spring.. Here I am dressed and ready for action and hanging on to my poly tunnel!





We had mulled wine and mince pies in December. We had a fire pit and I tried roasting chestnuts. (Must try harder!)

We were lucky to have a small break in the wet weather. It was great to see those if you who braved the weather and came along.

Thanks to Sue who arranged the food and drink!



Water Tanks

The water main is turned off at present to protect the pipes and tanks from frost. It will stay off for the next month or so. In this issue.. Spring 2024 News

Notice Board Village Show 2024 Ordering Kings Seeds Seedy Saturday

John Innes – Make your Own

Using Peat Free Compost

Seed Potatoes and Care

Disease Control – Blossom End Rot

Rotovating

Glyphosate

No Bonfires from the end of February

If you have a bonfire check the wind direction and keep the smoke down. *No Digger's and No Dig starters -* Time to cover the cleared sections of your plot with cardboard (optional) and spread manure or compost to a depth of ideally 3cm (about an 1.5 inches). It's preferable to let the weather and worms have time to work on the manure before planting.

You could cover the area with ground cover once the manure is spread. This brings the insects and worms up to the surface to digest the manure.



Information about Show Classes and Entry forms to follow. These usually become available in the Summer House and local shops in Weston Favell nearer the time.









Did your greenhouse suffer damage in the recent storms?

We have a stock of *free* greenhouse glass panes available and some "Z" and "W" clips. The glass panes are all the same size 61 x 61cm.

Note: If you're replacing glass panes we strongly advise you place 3 "W" clips on each side of each pane. This helps prevent storm damage.

If you need some see a committee member or visit the shop on Sunday morning.



Kings Seeds Ordering - Still time to order your Spring Seeds.

To Order by Post:

Complete the green order form, adding Weston Favell Allotments Association but using your home address. Don't forget to add the postage costs as shown. Kings will acknowledge your order by email.

To Order Online:

Existing online customers

Log in to <u>https://nsalg.kingsseeds.com/secure/login</u> This brings up a login page **Don't enter any details but Go Straight to**

"Change your password"

You'll then get an email from Kings where you can add a password of your choice.

Then proceed with your order. Don't forget the appropriate postage costs.

New online customers

Contact Fran on <u>woodley11@virginmedia.com</u> with your plot number, full name, address and email. Fran will set you up as a buyer.

Kings seeds will then contact you by email (check your spam folder) to set up a password

Then proceed with your order. Again don't forget the postage costs.

NB – the Quick Order option (at the very top of the screen) will do all the calculations for you.





End Notice Board

John Innes Seed Compost

David and I were discussing seed planting one Sunday morning and he was telling me about the ideal compost to use. Farmers and small holders plant seeds into "John Innes Seed Compost". Now I thought this was a brand name but was corrected by David as John Innes is a "recipe" of a specific mix for planting seeds or for pricking out seedlings. Using "John Innes" improves the germination rate and growth of seeds and seedlings.

The recipes are below but note the following for best results:

- Sterilised Loam (Soil) steam sterilising our soil isn't an option at the allotment so
 place the soil on a plastic sheet or tarpaulin and cover with another plastic sheet
 with holes in. The soil will dry out and get warmed by the sun.
- Sieve the mix.
- The fertiliser chart below aids finding, adding or changing the nutrients if you haven't those in the recipes. Or there are other home made alternatives you could add.
- Home made comfrey and nettle feed are good sources of potassium, some nitrogen and calcium. Grows wild around the allotment site. If you're going to the beach collect some seaweed!
- Organic fertilisers include Hoof & Horn; bone-meal and fish, blood and bone.
 Source: <u>https://www.rhs.org.uk/soil-composts-mulches/john-innes-compost</u>

Fertiliser	Nitrogen (N)	Phosphates (P)	Potash (K)
Nitrate of Chalk	15.5	0	0
Ash (Wood)	0	2-4	5-15
Bone Meal	2-4	27-30	
Compost	2-2.5	0.5-1	0.5-2
Growmore	7	7	7
Farm Manure	0.4-0.8	0.2-0.4	0.4-0.7
Fish Meal (FBB)	8-9	9-10	1
Potato Fertiliser	6	10	10
Sulphate of Ammonia	21	0	0
Poultry Manure	4-6	3-5	2-3
Osmocote	19	6	12
Fish, Blood & Bone (FBB)	5	5	6
Hoof & Horn	13	0	0
Sulphate of Potash	0	0	40
Superphosphate	0	18	0

The recipes..

John Innes Seed and Potting Compost

Base Soil Mix:

7 parts sterilised loam (soil)

3 parts peat or peat free compost

2 parts horticultural coarse sand (NOT builder's sand)

For Seed Compost add the following to the base mix (the fresher the sterilisation the better for germination)

To each 9 lit (2 gall) bucket of base soil mix add: 10g superphosphate (or bone meal or mineral phosphate) 5g lime or chalk Sieve it

For Cuttings Compost: No Additions

For Potting Compost (John Innes no 1) add the following to the base mix:

To each 10 lit bucket full add:

5gm (1/4oz) ground chalk or lime Or add the following mix: 10gm Hoof & Horn (or nitrate of chalk) 10gm Superphosphate (or bone meal or mineral phosphate) 5gm Potash

Sources: https://www.proctorsnpk.com/t/HowToMakeYourOwn

https://www.rhs.org.uk/soil-composts-mulches/john-innes-compost

Composting Points

- Sphagnum Moss consider saving any moss and encouraging its growth. Maybe even grow your own and use as a growing medium. It's very expensive to buy.
- 2. If you use a general compost rather than a specific seed compost remember that general compost has added nutrients and seeds don't usually need them.
- 3. Good idea to compost old path bark chippings. They're usually wellrotted and ready to use in a compost recipe with other ingredients.

USING PEAT FREE COMPOST

I was reading an article about Peat Free Compost in the January copy of the RHS "The Garden" magazine handed to me by David. They made the following interesting statement "You can't use peat free composts in the same way as peat based compost. You have to treat them differently"

The main ingredients in peat free compost include: wood, bark, green waste and coir. Sounds like we should all be making our own!

They mentioned 12 tips on peat-free growing. Here are six I think most relevant for allotmenteers:

- Water thoughtfully peat free compost can look dry on top while still damp underneath. This makes it easy to overwater. You need to feel under the surface or check the weight of the pot before watering. Maybe decide to water every week on a regular basis. Use a Spray gun to mist seeds regularly, don't let them dry out.
- 2. Feed the plants routinely. Peat free composts are very free draining so the nutrients get washed out.
- 3. Sieve before use Seeds prefer fine compost.
- 4. Use a Spray gun to mist your seeds regularly. Don't let them dry out.
- 5. Get to know your compost they're not all the same and don't all behave in the same way. Blend with other ingredients. Buy the best you can and make it go further by adding sand, grit, perlite, sieved garden soil or well-rotted garden manure depending on what you need it for.
- 6. Make your own from your garden compost and home compost bin. Make sure it's well rotted down. Ensure you can take the finer compost from the bottom of the bin by having an access door. I recommend letting it dry so you can sieve it.



Seed Potatoes

These are due for delivery about the 2nd week in February. We'll need to sort them out into your orders and then they'll be ready for collection. If you're free to give a hand with the delivery you'll be welcome especially if you have a van or estate car.

Once you get your potatoes it's a good idea to "chit them" before planting. This gets them off to a head start to produce an earlier crop. Lay out your seed potatoes with the eyes facing upwards. Egg boxes or trays are ideal for this. Place the trays in a cool (but not freezing) dry light place until 1-2cm shoots have formed (4-6 weeks).



Protect early sprouted foliage from frost by covering with earth or compost and continue to earth up until the ridges are about 20cm high. Weed between the rows as required. As the haulms (tops) grow they will shade out most weeds.

In dry weather, water well especially at flowering as this is when the tubers start to form. Occasional (every 10 days or so) heavy watering is preferable to frequent light watering as the latter encourages shallow rooting.

Yields

Obviously, yield is dependent on many factors, but a 3m row of earlies will yield up to 5.5kg, while a 3m row of main crop will yield up to 9kg of potatoes.

Harvesting Potatoes

As you can see from the table above, you can have your own spuds from the middle of May until your stored main crop potatoes run out. Start checking early potatoes once the flowers open; new potatoes are usually harvested when they are the size of hens' eggs.

"We can never resist cropping one or two new potato plants a wee bit early. The spuds are never very large, but they taste fabulous and there's something uplifting about the first potato harvest of a new season."



See..

https://www.accidentalsmallholder.net/vegetables/growing/planting-growing-harvesting-potatoes/





DISEASE CONTROL – PREVENT BLOSSOM-END ROT

Blossom-end Rot

Blossom-end rot is a serious disorder of tomato, pepper, and eggplant. Growers are distressed to notice that a dry sunken decay has developed on the blossom end (opposite the stem) of many fruit, especially the first fruit of the season. This nonparasitic disorder can be very damaging, with losses of 50% or more in some years.

Symptoms

On tomato and eggplant, blossom-end rot usually begins as a small water-soaked area at the blossom end of the fruit (Figure 1). This may appear while the fruit is green or during ripening. As the lesion develops, it enlarges, becomes sunken and turns black and leathery. In severe cases, it may completely cover the lower half of the fruit, becoming flat or concave. Secondary pathogens commonly invade the lesion, often resulting in complete destruction of the infected fruit. On peppers, the affected area appears tan, and is sometimes mistaken for sunscald, which is white. Secondary moulds often colonize the affected area, resulting in a dark brown or black appearance. Blossom end rot also occurs on the sides of the pepper fruit near the blossom end.

Cause

Blossom-end rot is not caused by a parasitic organism but is a physiologic disorder associated with a low concentration of calcium in the fruit. Calcium is required in relatively large concentrations for normal cell growth. When a rapidly growing fruit is deprived of necessary calcium, the tissues break down, leaving the characteristic dry, sunken lesion at the blossom end. Blossom-end rot is induced when demand for calcium exceeds supply. This may result from low calcium levels or high amounts of competitive cations in the soil, drought stress, or excessive soil moisture fluctuations which reduce uptake and movement of calcium into the plant, or rapid, vegetative growth due to excessive nitrogen fertilization.

Management

- 1. Maintain the soil pH around 6.5. Liming will supply calcium and will increase the ratio of calcium ions to other competitive ions in the soil.
- Use nitrate nitrogen as the fertilizer nitrogen source. Ammoniacal nitrogen may increase blossom-end rot as excess ammonium ions reduce calcium uptake. Avoid overfertilization as side dressings during early fruiting, especially with ammoniacal forms of nitrogen.
- 3. Avoid drought stress and wide fluctuations in soil moisture by using mulches and/or irrigation. Plants generally need about one inch of moisture per week from rain or irrigation for proper growth and development.
- 4. Foliar applications of calcium, which are often advocated, are of little value because of poor absorption and movement to fruit where it is needed.

Source: <u>https://gardenadvice.co.uk/gardening-how-to/garden-disease/blossom-end-rot/</u>

Rotovating

Many people, when they acquire a new plot, or come back to their plot after an absence, look at the wilderness and think that the instant answer is to rotovate.

We've had a few instances recently where the ground was too dry (hard), too wet (clay) or too many weeds. In these cases rotovating is not the answer.

On a couple of occasions the plot holders have insisted which has resulted in damage to the rotovators.

Rotovating can save a lot of digging but is only useful on clean, weed free soil. To achieve this, there are several options.

If your Plot has a lot of weeds here are the options to tackle it.

- Cover the ground with porous membrane, cardboard or any other porous, light excluding material. This will suppress the general weeds and when you remove it you will at least be able to see the pernicious weeds and dig them out.



This is a good option if the ground is dry and too hard to dig. It is also a good way of keeping some of your plot under control while you tackle other parts. Various membranes are sold in our shop – Sunday mornings 10-12.

- Hoe off the worst when the weather and surface is dry
- Digging is another option removing all the weeds and composting them. Easier when the ground is moist and soft.
 Tackle a small area at a time.



Hedge Bindweed

Field Bindweed



Beware!

The commonest and most persistent weeds at the Weston Favell site are twitch or couch grass, bindweed and mare's tail.

All of these have deep roots and every bit you chop with a rotovator will grow. So, if you rotovate and chop up the weeds, all you will do is create more!

Once you have you plot under control, or have cleared parts of it, then you can successfully Rotovate!

Weedkiller is another option...

but very wasteful on long grass etc. Better to cut the tall weeds down and spray when they start to grow again. Use an organic option which doesn't stay in the soil, pick a windless day and be very mindful of your neighbours.

Batting for glyphosate

Top gardeners have a dirty little secret. Many of them will tell you that they don't use herbicides. They then add in a low voice, "Of course, I used Roundup to get rid of the perennial weeds first."

On the contrary, I am proud to use glyphosate. Here are ten reasons why.

- 1 As a weed killer, it's safe to use and does no harm to wildlife.
- 2 It leaves no residues in the ground.

3 It is translocated in plants and 'reaches the parts others can't reach'. It does not just kill the top.

4 When used to clear weedy ground, all the organic matter and nutrients in the dead weeds go back into the ground. There is no wastage of organic material by burning or dumping in the dreaded wheelie bin. (Believe me, you would be horrified where it actually goes!)

5 Although it will take a year and more to clear a weedy plot, the actual work you do is minimal.

6 Often the soil structure of a weedy new plot has benefited by years of plant growth. Why destroy this structure by digging?

7 Gardeners who have omitted to eliminate perennial weeds such as couch, ground elder and bindweed, continue forking it out for ever more.







Batting for glyphosate... continued

8 Where there are no perennial weeds, weed control is so easy.

9 It facilitates minimum cultivation systems, which preserve soil organic matter, worms and soil life.

10 When used to enable zero cultivation, its effects become more interesting. You might not like the liverwort and moss, but as a habitat for wildlife at the bottom of the food chain, they are superb.

ROUNDUF

Orion AGRISCIENCE

Glyphosate

HERBICIDE

Source: Roger Brook – the No Dig Gardener website

http://www.nodiggardener.co.uk/2012/07/batting-for-glyphosate.html

http://www.nodiggardener.co.uk/search?q=Batting+for+Glyphosate

Instructions for the Use of Roundup (Glyphosate)



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