

Heron Pond Farm



New Potato Production



Pick the right cover crop

Oats

Wheat

Rye

Japanese millet

May reduce rhizoctonia

Not the wrong ones

Sod

increase in wireworm

Legume

encourage scab

Pre-sprouting Your Spuds

What you want



What you don't want



Green short sprouts
have had the correct
amount of sun



Some Still Need Hand Cutting









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Trench Application of Pesticides

Admire: Gives 60 days of protection, main target pest CPB

Quadis: Black Dot, Brown Spot, Early Blight, Powdery Mildew, Septoria Leaf Spot

Ridomil Gold: Pythium leak, Pink Rot, Pythium Seedling Disease

Soil Serenade: Pythium, Rhizoctonia, Fusarium, and Phytophthora

Note: Noticeable Increase in Root development.



Timing is everything.

Better off taking the hit in crop damage than letting the weeds get you.

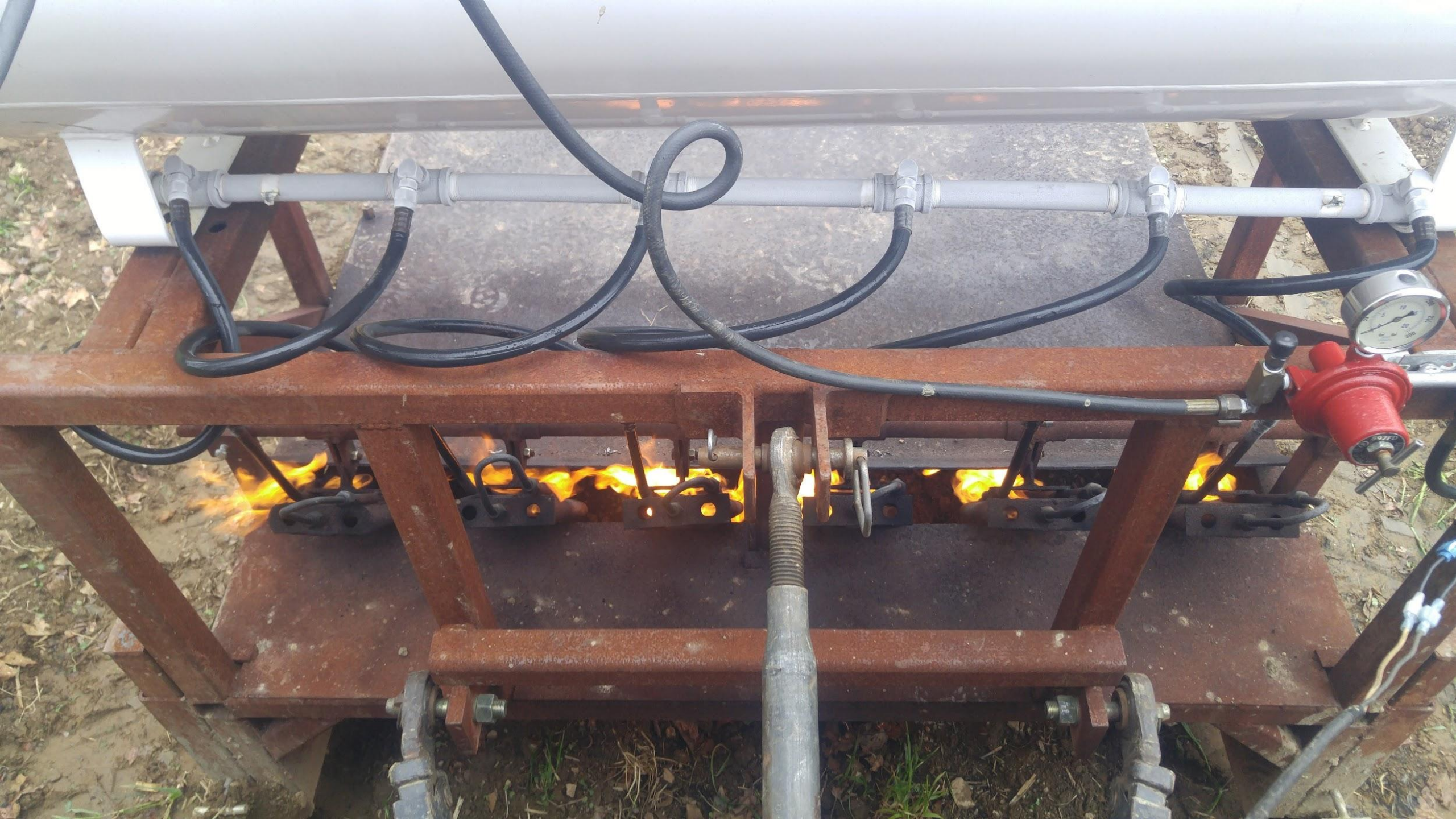
Blind cultivators:

Best for reducing crop damage, worst at getting the weeds

Sencor: Can give you a 30 day window and burn down the weeds present at application
Be careful with most reds and other colored skin potatoes as they can get deformed.

Flaming: Good week of weed control to get to first cultivation











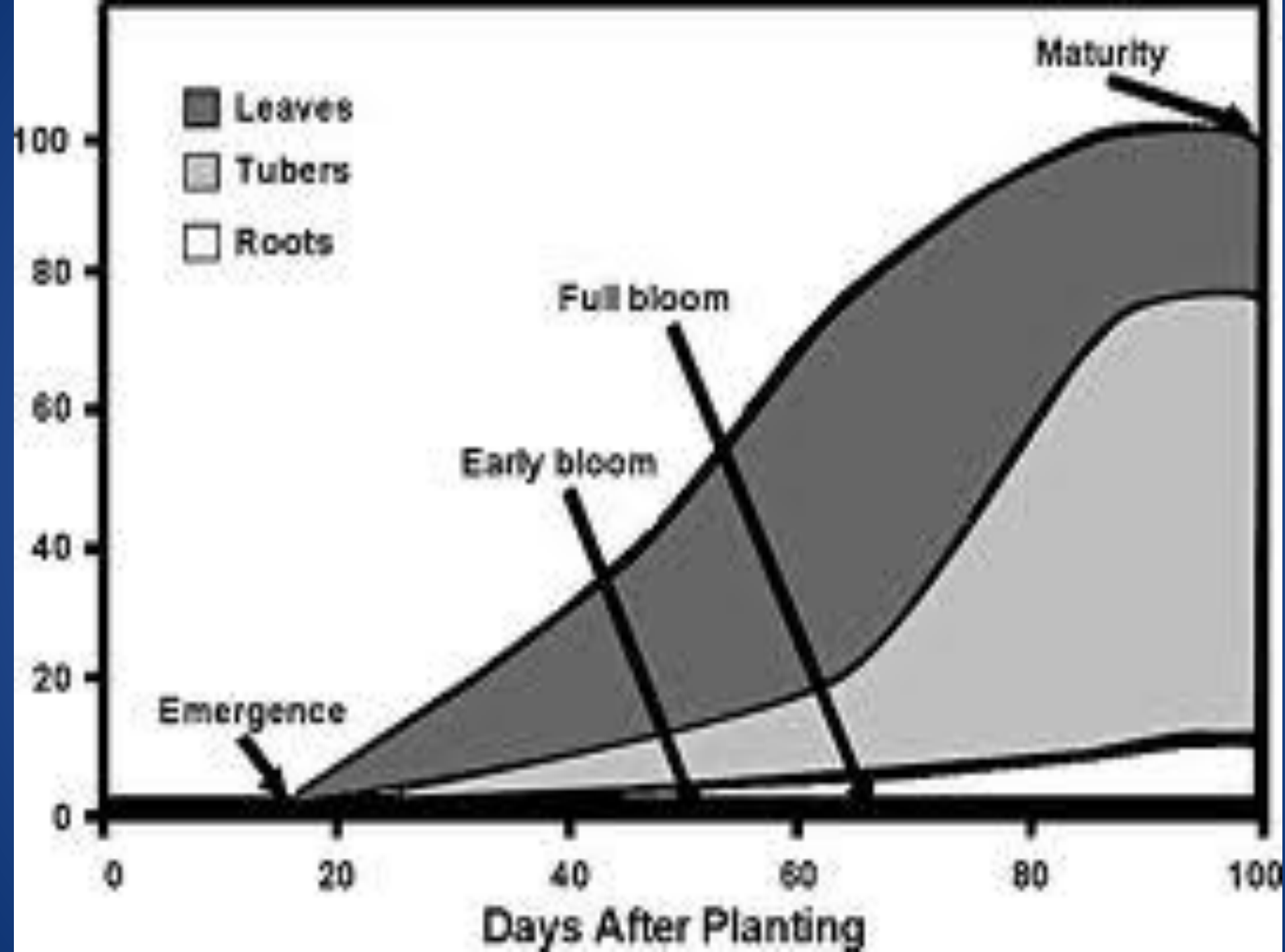
Covers make a big difference.













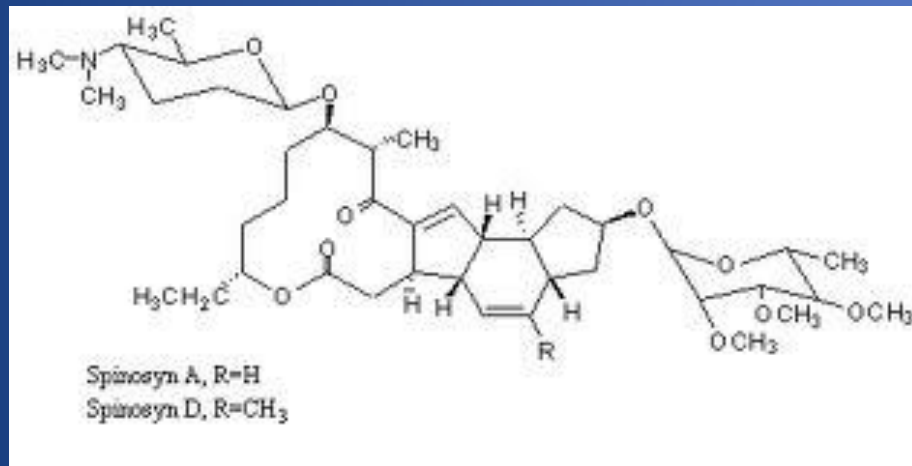
Minimum Treatment interval: Do not make applications less than 7 days apart



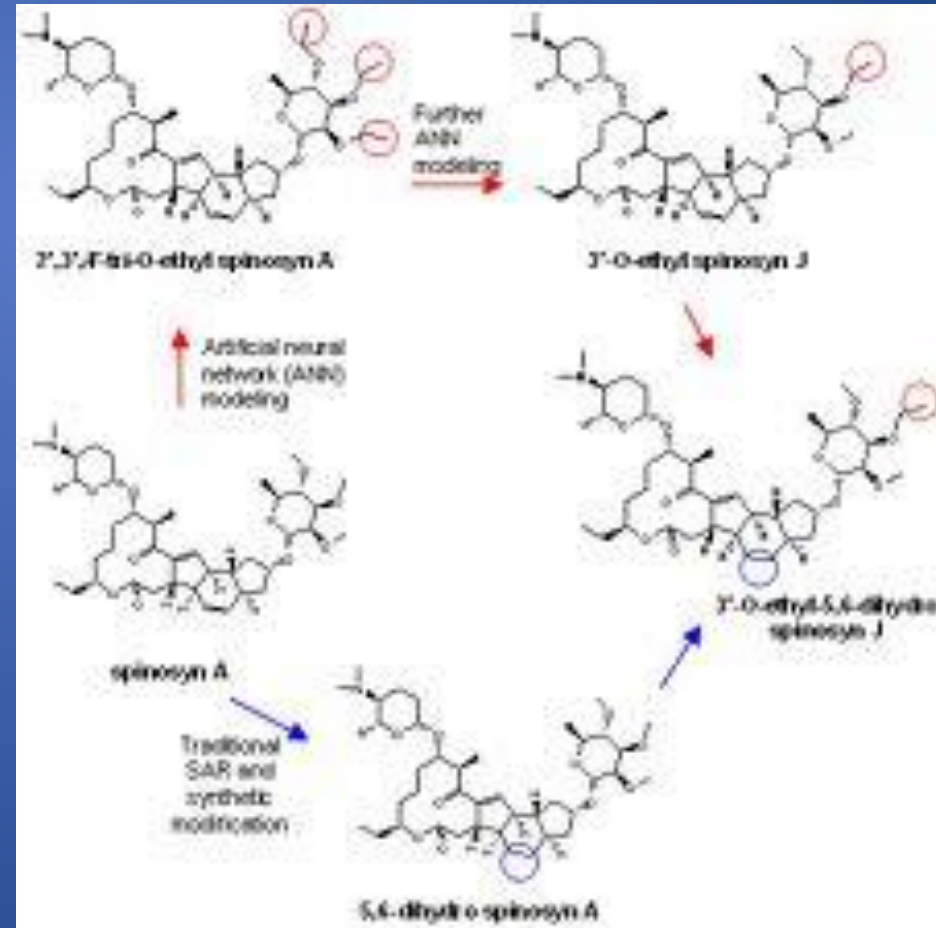
Larva can grow from the first to the fourth instar in two weeks

Group 5 Chemicals used to control CBP

Entrust by Dow



Radiant by Dow





Resistance Management: Do not make more than two consecutive applications of Group 5 insecticides (spinetoram and spinosad). If additional treatments are required after two consecutive applications of Group 5 insecticides, rotate to another class of effective insecticides for at least one application. Do not apply Group 5 insecticides to consecutive generations of Colorado potato beetle and do not make more than two applications of Group 5 insecticides per single generation of Colorado potato beetle. Do not make more than three applications of Group 5 insecticides for thrips in a season. Consult your Dow AgroSciences representative, extension specialist, certified crop advisor, or state agricultural experiment station for information on alternative effective products to use in your area.

Shaker style harvesters work best for new potatoes



Little new potatoes worth
more then tomatoes





Harvest this year
6/10. Starting price
\$5/pint



Yield data

- .83 # of new potatoes per pint
- 1.5 pounds of spuds per bed foot
- 7800 bed feet per acer in HPF system
- 14,000 pints per acer
- \$70,000 per acer



Heron Pond Farm

A Four Season Farm

Building Community
Through Local
Agriculture

Farmstand
South Hampton, NH





Contact Information

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