

# Rye for erosion control in furrows

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# Objective

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- To demonstrate an effective method to terminate covercrop in furrows with Select herbicide.

# Timeline

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- **Oct. 18, 2017 drip fumigation**
- **Nov. 2, 2017 rye was sown in furrows**
- **Nov. 15, 2017 transplanted “Cabrillo”**
- **Select 16 oz/A applied Jan. 12, 2018 – rye was 12-18 inches tall**

# Rye



# Weed Control

Treatment	Total # 25 ft <sup>2</sup>
Select 16 oz	5 b
Rye no herbicide	5 b
Bare ground	40 a

# Strawberry response

Treatment	Injury %	Perimeter inches	Yield t/A
Select 16 oz	0 a	36.3 a	30.3 a
Rye no herbicide	0 a	27.0 b	28.0 a
Bare ground	0 a	27.9 b	25.9 a

# Summary

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- Strawberry is very tolerant to Select herbicide
- Rye cover in the row middles can be terminated at the time of grower chosing
- It may be possible that the rye is trapping some of the residual nitrate that may otherwise be lost in winter. As the straw breaks down it may be releasing it to the berries when they can use it.