Taking these **SMART** steps will help you manage manure to meet crop needs and avoid discharges to water while you:

- Improve soil health
- Save money by reducing costs
- Increase crop yield

**Select your field** for application of nutrients. Consider the slope, size and setbacks for areas with run-off potential.

**Manure Spreading Advisory.** Minimize your risk of losing nutrients and polluting local waterways by checking the weather map to see if it is safe to spread manure.

[www.wadairyplan.org/MSA](http://www.wadairyplan.org/MSA)

**Application Risk Management (ARM).** Use an ARM worksheet to see if your field can absorb nutrients and if it will benefit your crop yield. Is it good agronomy?

[www.wadairyplan.org/ARM](http://www.wadairyplan.org/ARM)

**Rate of application and recordkeeping.** Choose the right amount to meet crop needs, and avoid a discharge. Record the type and amount, time and weather of nutrient applications.

[www.odark.org](http://www.odark.org)

**Timing is everything!** What’s the weather forecast? Temperature and rain can mean the difference between application success or lost nutrients and failed water quality.

[www.weather.wsu.edu](http://www.weather.wsu.edu)

For more resources visit your local Conservation District, the WSDA website or contact us. We are here to help you succeed!

[www.agr.wa.gov](http://www.agr.wa.gov)

For technical or compliance assistance call:

(360) 902-1928
SMART Support

Dairy producers, and crop and livestock farmers are stewards for their industries. Their livelihoods depend on the lands on which they work and live. WSDA aims to provide producers the tools and guidance that support the industry while safeguarding the environment. Designed for producers, these tools can help you comply with the law and determine the best use of your manure nutrients.

Manure Spreading Advisory (MSA):
Guidance on when to apply manure.

- Where: [www.wadairyplan.org/MSA](http://www.wadairyplan.org/MSA) or Search: WA Dairy Plan MSA
- What: An interactive color-coded map, with risk ratings and setback guidance.
- Why: Gives you both 24 and 72 hour rain forecasts for your area, indicating if the risk of applying manure is low, medium or high.
  *Tip:* print and keep as part of your records!

Application Risk Management (ARM):
To get the most from your dairy nutrients for maximum crop uptake and minimal nutrient loss.

- Where: [www.wadairyplan.org/ARM](http://www.wadairyplan.org/ARM) or Search: WA Dairy Plan ARM
- What: Twelve questions specific to your fields help determine the best day to apply nutrients.
- Why: Cost benefit of proper nutrient use, plus saves you time and resources while reducing the run-off risk.
  *Tip:* print and keep as part of your records!

Records via “Online Decision Making and Record Keeping” (ODARK):
Computer-based records management that, along with soil testing, meets state requirements.

- Where: [www.odark.org](http://www.odark.org) or Search: Access ODARK (Create a user name and begin entering your field and nutrient information.)
- What: A database to store your records with tools to identify the right time, source, amount and place to apply nutrients.
- Why: Risk management and records -- everything in one place!

For additional resources, visit your local Conservation District, the WSDA website ([www.agr.wa.gov](http://www.agr.wa.gov)) or contact us for technical or compliance assistance (360) 902-1928

AGR Publication 602-513 (N/1/17) Do you need this publication in an alternate format? Contact the WSDA Receptionist at 360-902-1976 or TTY Relay 800-833-6388.
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